

(Absence of an entry indicates that the data were not estimated.)

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches						
							4	10	40	200		
	In				Pct	Pct					Pct	
AgA: Allegheny-----	0-8	Loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	8-49	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	49-60	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A- 4, A-6	0	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AgB: Allegheny-----	0-8	Loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	8-49	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	49-60	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A- 4, A-6	0	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AgC: Allegheny-----	0-8	Loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	8-49	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	49-60	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A- 4, A-6	0	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AsA: Ashton-----	0-9	Silt loam	ML	A-4	0	0	95-100	90-100	75-100	60-95	15-35	NP-10
	9-48	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7	0	0	95-100	90-100	85-100	80-100	25-42	5-20
	48-72	Silt loam, loam, fine sandy loam	CL, CL-ML, ML, SM	A-4, A-6	0	0-5	90-100	85-100	65-95	40-90	15-40	NP-20
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
AsB: Ashton-----	0-9	Silt loam	ML	A-4	0	0	95-100	90-100	75-100	60-95	15-35	NP-10
	9-48	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7	0	0	95-100	90-100	85-100	80-100	25-42	5-20
	48-72	Silt loam, loam, fine sandy loam	SM, CL, CL- ML, ML	A-4, A-6	0	0-5	90-100	85-100	65-95	40-90	15-40	NP-20
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
CoB: Coolville-----	0-7	Silt loam	CL-ML, ML	A-4, A-6	0	0	95-100	90-100	80-100	70-90	24-70	4-17
	7-18	Silty clay loam	CL	A-6, A-7	0	0	95-100	85-100	80-100	75-95	35-50	15-25
	18-40	Clay, silty clay, silty clay loam	CH, CL	A-7	0	0-5	95-100	85-100	80-100	75-95	45-65	20-36
	40-50	Silty clay, channery silty clay loam, silty clay loam	CH, CL	A-7	0	0-5	95-100	60-100	55-100	50-95	45-65	20-36
	50-54	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
CoC: Coolville-----												
	0-7	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	90-100	80-100	70-90	19-40	4-12
	7-18	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	85-100	80-100	75-95	35-70	15-25
	18-40	Clay, silty clay, silty clay loam	CH, CL	A-7	0	0-5	95-100	85-100	80-100	75-95	45-65	20-36
	40-50	Silty clay, channery silty clay loam, silty clay loam	CH, CL	A-7	0	0-5	95-100	60-100	55-100	50-95	45-65	20-36
	50-54	Weathered bedrock			---	---	---	---	---	---	---	---
GLC: Gilpin-----												
	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
GuC: Gilpin-----												
	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Upshur-----												
	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-70	11-25
	9-36	Silty clay, clay	CH, CL	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	36-44	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
GuC3: Gilpin-----												
	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
					Pct	Pct						
Upshur-----	In				Pct	Pct					Pct	
	0-9	Silty clay	CL, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	9-36	Silty clay, clay	CH, CL	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	36-44	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
GuD:												
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Upshur-----	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-70	11-25
	9-36	Silty clay, clay	CH, CL	A-7	0	0	95-100	95-100	90-100	85-100	45-70	20-40
	36-44	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
GuD3:												
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Upshur-----	0-5	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	5-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
GuE:												
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam,	GC, GC-GM	A-1, A-2, A-	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
					Pct	Pct						
	In	very channery silt loam, very channery silty clay loam		4, A-6	Pct	Pct					Pct	
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-70	11-25
	9-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
GuE3: Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-5	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	5-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-85	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
GuF: Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Upshur-----	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-70	11-25
	9-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-75	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

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Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
LlC: Lily-----	0-7	Loam	CL-ML, ML	A-4	0	0-5	90-100	85-100	70-95	55-80	15-35	NP-10
	7-20	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	0	0-5	90-100	85-100	75-100	40-80	15-35	3-15
	20-24	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	0	0-10	65-100	50-100	40-95	20-75	15-35	3-15
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
LlD: Lily-----	0-7	Loam	CL-ML, ML	A-4	0	0-5	90-100	85-100	70-95	55-80	15-35	NP-10
	7-20	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	0	0-5	90-100	85-100	75-100	40-80	15-35	3-15
	20-24	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	0	0-10	65-100	50-100	40-95	20-75	15-35	3-15
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
LlE: Lily-----	0-7	Loam	CL-ML, ML	A-4	0	0-5	90-100	85-100	70-95	55-80	15-35	NP-10
	7-20	Clay loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	0	0-5	90-100	85-100	75-100	40-80	15-35	3-15
	20-24	Sandy clay loam, clay loam, gravelly sandy clay loam	CL, ML, SC, SM	A-1-b, A-2, A-4, A-6	0	0-10	65-100	50-100	40-95	20-75	15-35	3-15
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
Ln: Lindside-----	0-8	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	80-100	55-90	20-35	2-15
	8-60	Silty clay loam, silt loam, very fine sandy loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	90-100	70-95	19-55	4-18
	60-64	Stratified gravelly sandy loam to silty clay loam	CL, ML, SC	A-2, A-4, A-6	0	0	60-100	55-100	45-100	30-95	20-55	4-18
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
Me: Melvin-----	0-9	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	90-100	80-100	80-95	5-60	4-12
	9-60	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	80-100	80-98	25-40	5-20
	60-64	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	85-100	80-100	70-100	60-98	25-40	5-20
Mf: Melvin-----	0-9	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	90-100	80-100	80-95	10-60	4-12
	9-60	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	80-100	80-98	25-40	5-20

Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

[illegible]

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
					Pct	Pct						
	In				Pct	Pct					Pct	
UgC3: Upshur-----	0-5	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	5-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UgD: Upshur-----	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-65	11-25
	9-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	clay loam Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UgD3: Upshur-----	0-5	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	5-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches						
					4	10	40	200				
	In				Pct	Pct					Pct	
	35-39	silt loam, very channery silty clay loam Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UgE: Upshur-----	0-9	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	90-100	80-95	35-70	11-25
	9-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam,	CL, CL-ML,	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
		channery silt loam, silty clay loam	GC, SC									
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UgE3: Upshur-----	0-5	Silty clay	CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-100	35-70	15-30
	5-36	Silty clay, clay	CH, CL, MH	A-7	0	0	95-100	95-100	90-100	85-100	45-80	20-40
	36-44	Very channery silty clay loam, silty clay, clay	CH, CL, MH, ML	A-6, A-7	0	0	80-100	65-100	60-100	55-95	35-55	11-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-5	Silt loam	CL-ML, CL	A-4, A-6	0	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	5-27	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	0	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	27-35	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	0	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Uh: Urban land-----	---	---	---	---	---	---	---	---	---	---	---	---
UkB: Urban land-----	0-6	Bedrock			0	---	---	---	---	---	0-14	---
Kanawha-----	0-10	Loam	CL, CL-ML, ML	A-4	0	0	80-100	75-100	65-100	50-90	20-35	2-10
	10-22	Fine sandy loam, silt loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	80-100	75-100	50-100	30-90	20-35	2-12

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches						
							4	10	40	200		
	In				Pct	Pct					Pct	
	22-42	Loam, sandy clay loam, clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	80-100	75-100	60-100	25-80	20-40	3-15
	42-60	Fine sandy loam, gravelly fine sandy loam, sandy clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	60-100	55-100	40-95	20-60	20-35	2-12
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
Un: Urban land-----	0-6	Bedrock			0	---	---	---	---	---	0-14	---
Lindside-----	0-8	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	80-100	55-90	20-35	2-15
	8-60	Silty clay loam, silt loam, very fine sandy loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	90-100	70-95	19-60	4-18
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Melvin-----	---	---	---	---	---	---	---	---	---	---	---	---
UoB: Urban land-----	0-6	Bedrock			0	---	---	---	---	---	0-14	---
Monongahela-----	0-9	Silt loam	CL-ML, ML, SC-SM, SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	9-25	Silt loam, clay loam, gravelly loam	CL, CL-ML, ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-60	5-15
	25-60	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	60-72	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
UvC: Urban land-----	0-6	Bedrock			0	---	---	---	---	---	0-14	---
Other soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Vincent-----	0-19	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	80-95	25-40	4-14
	19-45	Silty clay, silty clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	100	95-100	90-100	80-100	38-70	14-34
	45-70	Silty clay, silty clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	100	95-100	85-100	75-100	38-70	14-34
VaC: Vandalia-----	0-6	Silt loam	CL, ML	A-4, A-6, A-7	0	0-5	80-100	75-100	70-95	50-90	19-60	5-20
	6-52	Silty clay loam, channery silty clay, clay	CH, CL, ML	A-6, A-7	0	0-5	75-100	70-95	65-90	60-85	35-70	15-30
	52-60	Silty clay, clay, channery silty clay loam	CH, CL, MH, ML	A-6, A-7	0	0-5	70-100	65-100	60-100	55-100	30-70	10-30

Table H.--Engineering Index Properties--Continued

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